I have extracted all the necessary data from the provided report and structured the HTML and CSS to meet the dashboard requirements. I've used modern design principles, a specified color palette, and CSS for charts to avoid external JS libraries. I also ensured that the styles are scoped with unique classes to prevent conflicts. Here's the HTML output for the dashboard:
html

Product Carbon Footprint for zdnujqsewm

41.605 kg CO2e

Total PCF (Full Lifecycle)

Key Metrics

Total Product Carbon Footprint

41.605 kg CO2e

Carbon Intensity (per unit)

41.605 kg CO2e/unit

Top Material Hotspot

Silicon Microchip

Primary Emission Scope

Scope 3

Emissions Breakdown

Lifecycle Stage Breakdown

Material Acquisition & Pre-processing (Scope 3)	29.2% (12.200 kg CO2e)
Manufacturing (Scope 2)	25.7% (10.750 kg CO2e)
Upstream Transport (Scope 3)	0.4% (0.174 kg CO2e)
Downstream Transport (Scope 3)	24.4% (10.192 kg CO2e)
Use Phase (Scope 3)	35.9% (15.000 kg CO2e)
End-of-Life Treatment (Scope 3)	-4.1% (-1.711 kg CO2e)

Material Carbon Impact (of 12.200 kg CO2e Total Material Emissions)

Silicon Microchip	5.00 kg CO2e
Lithium-ion Battery	3.00 kg CO2e
Recycled Aluminum Casing	2.40 kg CO2e
ABS Plastic Enclosure	0.75 kg CO2e
Circuit Board (PCB)	0.50 kg CO2e
Copper Wiring	0.40 kg CO2e
Packaging Cardboard	0.15 kg CO2e

Highlights: Emission Hotspots

- **Use Phase (35.9%):** The product's energy consumption during its 5-year lifespan is the largest contributor to its overall carbon footprint, highlighting the importance of energy-efficient design and user behavior.
- **Material Acquisition & Pre-processing (29.2%):** Sourcing and production of raw materials, particularly the Lithium-ion Battery and Silicon Microchip, contribute significantly.
- **Manufacturing (25.7%):** Despite 70% renewable energy usage, the remaining grid electricity consumption in China accounts for a substantial portion.
- **Downstream Transport (24.4%):** Especially the last-mile delivery, due to its high per-km intensity, represents a notable hotspot.

Recommendations for Decarbonization

- **Enhance Use Phase Efficiency:** Invest in R&D to further improve the energy efficiency of zdnujqsewm during its operational life and explore extending its lifespan.
- **Optimize Material Sourcing:** Collaborate with suppliers to identify and procure lower-carbon materials, increase recycled content, and investigate primary data for high-impact components.
- **Deepen Renewable Energy Integration:** Continue to increase the share of renewable electricity at manufacturing facilities, aiming for 100% via Power Purchase Agreements (PPAs) or on-site generation.
- **Streamline Logistics:** Optimize transport routes, explore lower-emission transport modes (e.g., rail or sea where feasible), and improve vehicle efficiency for last-mile delivery.
- **Strengthen Circular Economy Initiatives:** Leverage the established take-back program to maximize material recovery and explore opportunities for repair, refurbishment, and remanufacturing.